

*Culture Methods for Invertebrate Animals.* Ithaca, N. Y., Comstock Publishing Company, Inc., 1937. xxx + 589 pp. \$4.00.

This is a compendium prepared coöperatively by American zoologists under the direction of a committee from Section F of the American Association for the Advancement of Science. This committee consisted of Paul S. Galtsoff, Frank E. Lutz, Paul S. Welch, and James G. Needham, Chairman. Would that all committees could justify their existence by such a useful work as this, although I am not sure which group should be commended the more, the committee of four, or the 186 different contributors; perhaps both should receive equal praise. This book on culture methods, which has been in the making since 1933, is invaluable to those interested in the rearing of invertebrate animals and in maintaining live specimens in laboratories. Numerous animals are involved in the recommendations. There is an introduction by James G. Needham, an article on the methods of collecting and rearing marine invertebrates in the laboratory, by Paul S. Galtsoff, another on collecting and rearing terrestrial and freshwater invertebrates, by F. E. Lutz, J. G. Needham, and P. S. Welch, and these are followed by over three hundred articles dealing with the culture of animals from protozoa to chordata. This book is of value and interest to almost everybody in the field of applied biology. And I for one am willing to accept gratefully and without criticism the information that is offered by the numerous contributors, all specialists in their fields.

H. B. W.